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EXPORTS OF COMMUNIST MILITARY

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DIRECTORATE OF
INTELLIGENCE

Intelligence Handbook

*Exports Of Communist Military Equipment
To The Less Developed Countries: A Catalog Of Prices*

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
February 1970

INTELLIGENCE HANDBOOK

Exports Of Communist Military Equipment
To Less Developed Countries:
A Catalogue Of Prices

Introduction

Since 1955 the USSR, Communist China, and the East European countries together have contracted to deliver some \$5 billion worth of military equipment to less developed countries in the Free World. By mid-1969, more than \$5.2 billion of this equipment, almost 90% of which was supplied by the USSR, had already been delivered, mostly under medium-term or long-term credit.

This handbook, which updates CIA/RR, A.ERA 63-6, *Exports Of Bloc Military Equipment To Non-Bloc Countries: A Catalogue Of Prices And Quantities*, October 1963, SECRET/NO FOREIGN DISSEM, contains a comprehensive price list of exports of Communist weapons, ammunition, and support equipment contracted for delivery to less developed countries. As such it can be used to estimate with a fair degree of confidence the value of a Communist nation's arms shipment where only the quantities and composition are known. This handbook also provides information on the value of ammunition and spare parts likely to accompany a particular delivery of weapons.

Note: This handbook was produced solely by CIA. It was prepared by the Office of Economic Research and was coordinated with the Office of Strategic Research.

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Price Lists

1. Tables 1, 2, and 3 detail the export prices of Communist military equipment, ammunition, and military-associated equipment.* Prices were obtained from documentary sources covering about one-fourth of the roughly 130 arms accords known to have been concluded since 1955 by Communist countries with less developed countries. No differentiation is made between prices of new and used equipment. In those instances where several prices were available for a single item, the most recent price is given first. In most cases, prices are c.i.f. (cost, insurance, and freight) at the major port of the recipient country.

2. The variation in price for individual items reflects freight costs, preferential treatment, age and condition of the equipment, and the tendency for list prices to decline over time. The normal practice for preferential treatment to certain clients by the USSR is to give a grant-in-aid discount off the list price. Preferential treatment in this form has ranged from a grant-in-aid discount for the entire military aid package, in the case of Cambodia, to no discount in the case of India. About 40% of the \$5.4 billion of military assistance extended thus far by the USSR has been aid in the form of grant-in-aid discounts.

Costs of Spare Parts, Ammunition,
and Support Equipment

3. Spare parts, ammunition, and support equipment make up a substantial part of any arms agreement. In estimating the total value of an agreement where only the composition and quantity of weapons are known, estimated weapons costs should be raised by an appropriate percentage to allow for the costs of associated materiel. The tabulation below shows the relative share of weapons versus associated materiel in the total cost of naval, air, and ground forces equipment under eight selected arms agreements. These specific agreements were chosen because each contained

* *These export prices, which are expressed in US dollars, bear no known relation to production costs, either in the producing country or in the United States.*

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Agreement	Percent of Total Value					
	Naval		Air Force		Ground Forces	
	Weapons	Ammunition and Other Equipment	Weapons	Ammunition and Other Equipment	Weapons	Ammunition and Other Equipment
Soviet-Iraq 1966 (\$181 million)	72	28	76	24	39	61
Soviet-Iraq 1961 (\$113 million)			73	27	30	70
Soviet-Iraq 1958 (\$131 million)	78	22	90	10	34	66
Soviet-Indonesia 1964 (\$205 million)	83	17	73	27	25	75
Soviet-Indonesia 1962 (\$93 million)	96	4	35	65	32	68
Czech-Cyprus 1966 (\$1 million)					34	66
Soviet-Tanzania 1966 (\$2 million)	69	31				
Soviet-India 1966 (MIG-21 Annex) (\$51 million)			71	29		

detailed annexes which delineated prices and quantities, not only of weapons but also of accompanying support equipment, ammunition, and spare parts.

4. Costs of supplementary equipment and ammunition have accounted for about two-thirds of the total value of ground forces equipment specified in each agreement. Associated materiel also has made up at least one-fourth of the total value of equipment for air forces, with the exception of an early Soviet-Iraq agreement. The non-weapons share of aid to naval forces also has been substantial, although varying widely from agreement to agreement.

5. Moreover, ammunition alone accounts for by far the larger part of the cost of artillery. As shown in the tabulation below, ammunition made up between 56% and 79% of the value of various artillery systems covered in Soviet arms accords. Ammunition makes up an even larger share of the cost of rapid fire infantry weapons and mortars. In a number of cases, such agreements were followed by supplementary arms contracts which called for additional ammunition.

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<u>Equipment</u>	<u>Date of Agreement</u>	<u>Percent of Total Value</u>	
		<u>Weapons</u>	<u>Ammunition</u>
85mm antiaircraft gun	1958	21	79
37mm antiaircraft gun	1958	25	75
130mm field gun, M-46	1966	41	59
122mm howitzer, M-30	1961	44	56

6. Specific spare parts are seldom listed in the general arms agreements. While the list price of a weapon normally includes a certain quantity of spare parts, usually provision is also made in the general accord for a lump sum credit for unspecified spares. In the case of Iraq, this sum has ranged from 8% to 11% of the total value of its arms agreements with the USSR. In addition, spare parts often have been obtained under supplementary protocols to service equipment purchased earlier. Occasionally such orders for spares have been concluded on commercial terms.

7. The USSR estimates that some 2% of the value of a piece of ground forces equipment will have to be spent each year to maintain it according to Soviet standards. One recipient of Soviet military aid, however, has estimated that the yearly costs of spare parts for maintaining Soviet artillery and tanks are 4% of the initial cost of the equipment. Spare parts for aircraft and naval equipment are much more costly.

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries

Ground Forces Equipment	Unit List Price (US \$) ^{a/}	Year	Recipient	Remarks ^{b/}
<u>Small arms</u>				
7.62mm Tokarev pistol (TT)	38	1967	Iraq	
	38	1962	Indonesia	
7.65mm machine pistol M-61 "Skorpion"	70 (C) *	1966	Cyprus	
9mm pistol Makarov (PM)	59	1967	Iraq	
	60	1961	Indonesia	
9mm submachinegun M-25	56 (C) *	1966	Cyprus	
7.62mm sniper rifle	62	1966	Iraq	
7.62mm semiautomatic carbine Simonov	75	1966	Iraq	
	76	1962	Indonesia	
7.62mm semiautomatic rifle (M52/57)	59 (C) *	1966	Cyprus	
	106 (C)	1958	Indonesia	
7.62mm assault rifle Kalashikov				
Fixed wooden stock	93	1966	Iraq	Ten to a wooden case, weight 110 lbs.
Folding stock	98	1966	Iraq	
7.62mm assault rifle M58P	92 (C) *	1966	Cyprus	

a. Where the supplier is a country other than the USSR, a letter designation appears after the price. The letter "C" denotes Czechoslovakia, "P" Poland, "H" Hungary, and "B" Bulgaria. An asterisk (*) appearing after the price designates f.o.b. price, otherwise prices are c.i.f. List prices for weapons and associated equipment usually include a basic spare parts kit.

b. Weights are given in pounds and metric tons and do not include packing and crating unless specified.

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Ground Forces Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Small arms</u> (Continued)				
7.62mm light machinegun Degtyarey (RPD)	323 330	1966 1964	Iraq Indonesia	
7.62mm Goryunov machinegun M1963 (SG)	1,007 1,002	1967 1964	Iraq Indonesia	
7.62mm light machinegun M-52/57	319 (C)	1967	Iraq	
7.92mm light machinegun ZB-26	249 (C)	1966	Cyprus	
7.92mm machinegun ZB-37	499 (C) *	1966	Cyprus	
12.7mm heavy machinegun M1938/46 (DSHK)	1,906 1,646 1,652	1967 1966 1964	Iraq Iraq Indonesia	Weight 78.5 lbs., with tripod and shield and 50-round belt -- 368 lbs. Average crated weight including gun, shield, tripod, kit, and spare parts -- 510 lbs.
26mm signal pistol	14 13	1967 1964	Iraq Indonesia	
<u>Flamethrowers</u>				
Light flamethrower "LPO"	629	1961	Indonesia	
Heavy flamethrower "TPO"	2,128	1961	Indonesia	
<u>Recoilless antitank weapons</u>				
Antitank launcher RPG-2	112 129	1962 1960	Indonesia Iraq	
Antitank launcher P-27 "Paceroovka"	224 (C) *	1966	Cyprus	

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Table 1

Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Ground Forces Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Recoilless antitank weapons (Continued)</u>				
Antitank launcher RPG-7	700	1967	Iraq	
82mm antitank rocket launcher SPG-82	570	1967	Iraq	Weight 66 lbs.
	570	1964	Indonesia	
82mm recoilless gun B-10	3,233	1964	Indonesia	Weight 188 lbs.
	3,741	1960	Iraq	
107mm recoilless gun B-11	6,188	1962	Indonesia	Weight 672 lbs.
<u>Mortars</u>				
82mm mortar	570	1967	Iraq	Weight 123 lbs.
	753	1966	Iraq	
	722	1964	Indonesia	
120mm mortar	2,932	1967	Iraq	Weight 606 lbs.
<u>Field artillery</u>				
57mm antitank gun (ZIS-2)	5,000	1959	Guinea	Weight 2,536 lbs.
	4,700	1955	Egypt	
85mm divisional gun D-44	10,041	1960	Iraq	Weight 3,804 lbs.
	11,370	1959	Indonesia	
100mm field gun (BS-3)	18,575	1958	Iraq	Weight 7,629 lbs.
122mm howitzer M-30	11,642	1964	Indonesia	Weight 5,512 lbs.
	12,586	1961	Iraq	
122mm howitzer D-30	31,250	1965	Finland	Weight 6,946 lbs.

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Ground Forces Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Field artillery</u> (Continued)				
122mm c rps gun (A-19)	30,100	1967	Iraq	Weight 17,435 lbs.
122mm field gun	30,453 29,554	1960 1956	Iraq Syria	
130mm field gun M-46	49,722	1967	Iraq	Weight 16,975 lbs.
152mm gun-howitzer (ML-20)	27,409	1967	Iraq	Weight 19,416 lbs.
<u>Antiaircraft artillery</u>				
Twin 23mm antiaircraft gun ZU-23	30,176	1967	Iraq	Weight 2,205 lbs.
Twin 30mm antiaircraft gun M-53	25,317(C)	1968	Iraq	Weight 3,300 lbs.
37mm antiaircraft gun	8,365 10,737(P)	1962 1958	Indonesia Indonesia	Weight 4,410 lbs. Crated with accessories and spare parts, 5,236 lbs.
	8,618	1958	Iraq	
57mm antiaircraft gun S-60	87,000 35,700 14,458(C)	1962 1961 1956	Indonesia Indonesia Syria	Price includes fire control radars. Weight 9,226 lbs.
85mm antiaircraft gun	20,760(P) 18,228(C)	1958 1956	Indonesia Syria	
100mm antiaircraft gun KS-19	52,080 47,376	1961 1960	Indonesia Iraq	Weight 20,834 lbs.
<u>Multiround rocket launchers</u>				
132mm rocket launcher BM-13	17,990	1961	Iraq	Weight 14,152 lbs.

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Table 1

Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Ground Forces Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Tanks</u>				
PT-76 amphibious tank	52,836	1962	Indonesia	Weight 14 metric tons
T-34 medium tank	28,921 48,345	1960 1959	Iraq Indonesia	Weight 32 metric tons
T-54 medium tank	103,000 (C) *	1967	Morocco	Weight 36 metric tons
Command version	87,326 104,000 (C) *	1961 1967	Iraq Morocco	
T-55 medium tank	121,918	1966	Iraq	Weight 36 metric tons
Command version	125,160	1966	Iraq	
<u>Assault guns</u>				
SU-76 assault gun	14,340	1954	Yugoslavia	Weight 11.1 metric tons
SU-100 assault gun	44,800 (C) *	1967	Morocco	Weight 30 metric tons
<u>Armored cars and personnel carriers</u>				
BTR-40P amphibious scout car (BRDM)	17,850	1961	Iraq	Weight 5.6 metric tons combat loaded
BTR-40 armored personnel carrier	14,168 13,866	1964 1958	Indonesia Iraq	Weight 5.3 metric tons
BTR-152 armored personnel carrier	19,800 22,851	1966 1961	Tanzania Iraq	Weight 8.9 metric tons combat loaded
BTR-60P armored personnel carrier	43,750	1965	Finland	Weight 10 metric tons
OT-64 armored personnel carrier SKOT	53,000 (C) *	1967	Morocco	Weight 12.5 metric tons

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Ground Forces Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Armored cars and personnel carriers</u> (Continued)				
BTR-50PK armored personnel carrier	41,925	1965	Finland	Weight - 14.5 metric tons
	46,628	1964	Indonesia	
BTR-50PU armored personnel carrier	86,956	1965	Finland	Weight 14.5 metric tons
OT-62 armored personnel carrier TOPAS	55,000 (C) *	1967	Morocco	
K-61 tracked amphibian (GPT)	42,955	1961	Iraq	Weight 21,020 lbs.
<u>Surface-to-air missiles</u>				
SA-2 firing battalion	1,625,000	1961	Indonesia	Price includes six launchers per battalion, fire control, and radar but does not include missiles
SA-2 technical support battalion	1,264,802	1961	Iraq/ Indonesia	

Table 1

Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Naval Equipment	Unit List Price (US \$)	Year	Recipient	Remarks c/
<u>Cruisers</u>				
Sverdlov class	49,649,880	1960	Indonesia	Project No. 68
<u>Submarines</u>				
F-class submarine	8,800,000*	1965	India	Project No. 641
W-class submarine	3,867,010	1962	Indonesia	Project No. 613
<u>Destroyers</u>				
Kotlin class	11,488,000	1958	Egypt	
Skoryy class	7,529,928(P) 8,968,750	1960 1956	Indonesia Egypt	Project No. 30 BIS
<u>Escorts</u>				
Riga class	5,360,964	1960	Indonesia	Project No. 50
Petya class	8,030,000* 10,000,000	1965 1966	India Iraq	Project No. 159A
<u>Submarine chasers</u>				
Kronshtadt class	859,124	1960	Indonesia	Project No. 122 BIS
SO-1 class	1,444,444 1,300,000	1964 1964	Indonesia Indonesia	Project No. 201M
MO-VI class	488,888	1967	Nigeria	Project No. 199. Depth charge launching rails removed

c. The project numbers listed in the remarks column are the Soviet design number for that specific ship.

Table 1

Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Naval Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Guided missile patrol boats</u>				
Osa class	3,333,333*	1969	India	Project No. 205
	3,125,000	1965	Finland	Offer
	3,640,000	1964	Indonesia	
Komar class	705,600	1966	Iraq	Project No. 183R
	750,400	1961	Indonesia	
<u>Motor torpedo boats</u>				
P-6 class	562,280	1960	Indonesia	Project No. 183
	603,820	1960	Iraq	
P-4 class	269,500	1966	Tanzania	
<u>Minesweepers</u>				
T-43	1,444,444	1966	Iraq	Project No. 253K
<u>Submarine tender</u>				
Ugra class	16,500,000*	1965	India	Project No. 1886M
Don class	15,312,772	1960	Indonesia	Project No. 310
Atrek class	12,600,000	1962	Indonesia	
<u>Others</u>				
PO-1 class patrol boat	286,000	1964	Ghana	
Polnocny class landing ship	1,560,000*	1965	India	Project No. 770T
	1,578,886	1964	Indonesia	

Table 1

Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Naval Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Others (Continued)</u>				
Poluchat-1 class torpedo retriever	257,400*	1966	India	Project No. 368P
	331,800	1960	Indonesia	
Rescue ship -- probably Prut class	4,666,620*	1969	India	Project No. 532
Port tug	448,000	1966	Iraq	Project No. 255K
Ocean salvage boat	335,350	1960	Indonesia	Project No. 522
Degaussing ship	1,190,246	1960	Indonesia	Project No. 219
Missile storage ship	7,000,000	1961	Indonesia	
Nyryat-2 class diving tender	107,500	1960	Iraq	Project No. 376 RKV
River launch	244,444	1964	Indonesia	Project No. 370M
Khobi-class gasoline tanker	974,996	1960	Indonesia	Project No. 437
River patrol boat	522,222	1964	Indonesia	Project No. 199
River tug	1,680,000	1964	Indonesia	Project No. 733
Ammunition ship	5,600,000	1961	Indonesia	
Repair ship	3,080,000	1961	Indonesia	
Assault boat -- DL-10	1,620	1961- 1966	Iraq	Plywood construction, weight 375 lbs.
Rubber boat NL-5	476	1961	Iraq	Weight 110 lbs.
Rubber rescue raft SP-12	1,278	1966	Iraq	
Run about	30,002	1961	Iraq	Project No. 371

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Table 1

Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Air Force Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Fighters</u>				
SU-7 (Fitter) jet fighter	866,979	1969	India	With aircraft cameras
	863,500	1969	India	
	840,000	1966	Iraq	
MIG-21D (Fishbed D) all weather jet fighter	896,000	1966	Iraq	
	825,000	1964	India	
	879,200	1964	Indonesia	
	849,996	1964	Iraq	
MIG-21 (Fishbed C/E) jet fighter	945,000	1962	India	
	609,996	1961	Iraq	
	616,000	1961	Indonesia	
MIG-19 (Farmer) jet fighter	344,400	1961	Indonesia	
	343,801	1960	Iraq	
MIG-17D (Fresco) jet fighter	138,884	1967	Nigeria	
MIG-17 (Fresco) jet fighter	173,524	1958	Iraq	Chinese packing: fuselage crate 17,630 lbs., engine crate 3,329 lbs., afterburner crate 2,205 lbs., and ground support equipment crate 2,646 lbs.
	219,301(P)	1958	Indonesia	
MIG-15 (Fagot) jet fighter	92,982(C)	1958	Austria	
	112,400	1956	Syria	
<u>Bombers</u>				
TU-16 (Badger) medium jet bomber	1,478,400	1961	Iraq	With cameras
	1,458,000	1961	Indonesia	
	1,552,712	1961	Iraq	

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Air Force Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Bombers</u> (Continued)				
IL-28 (Beagle) light jet bomber	156,250	1965	Finland	
	350,000	1961	Indonesia	
<u>Transports</u>				
AN-2M (Colt) light transport	78,000	1968	Ethiopia	Chinese packing: fuselage crate 15,432 lbs., wing crate 13,227 lbs., engine crate 4,049 lbs., tools, equipment and spares crate 3,307 lbs.
	77,823	1968	Cyprus	
IL-14 (Crate) light transport	180,000	1961	India	
	330,000	1961	Cuba	
	262,500 (C)	1958	Indonesia	
AN-24 (Coke) light transport	850,000	1965	Turkey	
TU-124 (Cookpot) light transport	1,533,950	1966	India	
TU-134 (Crusty) light transport	2,112,000	1965	Turkey	
AN-12 (Cub) medium transport	2,128,000	1960	Iraq	
	2,087,000	1960	India	
AN-12B (Cub) medium transport	2,416,086	1966	Iraq	
	2,388,890	1964	Indonesia	
IL-18 (Coot) medium transport	1,443,000	1965		
IL-18D (Coot) medium transport	2,240,000			

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Air Force Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Helicopters</u>				
MI-1 (Hare)	70,000	1958	Indonesia	
MI-4 (Hound)	181,100	1967	India	
	202,000	1962	Iraq	
KA-26 (Hoodlum)				
Transport version	107,800	1965	Turkey	
Passenger version	109,560	1965	Turkey	
Agricultural version	123,530	1965	Turkey	
MI-8 (Hip)				
Transport version	501,100	1965	Turkey	
Passenger version	603,100	1965	Turkey	
MI-6 (Hook)	1,907,000	1965	Turkey	
MI-10 (Harke)	1,925,000	1965	Turkey	
<u>Trainers and others</u>				
U-MIG-15 (Midget) jet trainer	127,778	1967	Nigeria	
	138,746	1961	Indonesia	
	142,498	1961	Iraq	
U-MIG-21 jet trainer	778,400	1966	Iraq	
	825,000	1964	India	
SU-7 jet trainer	863,500	1969	India	
	840,000	1966	Iraq	

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Table 1
Selected List Prices of Military Equipment Exported by Communist Countries
(Continued)

Air Force Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Trainers and others (Continued)</u>				
L-29 Maya jet trainer	168,000 (C)	1967	Uganda	
	161,500 (C)	1964	Indonesia	
YAK-18 prop trainer	17,600	1961	Iraq	
U-1L-18 (Mascot) light jet bomber trainer	271,404	1958	Iraq	
	274,326 (C)	1958	Indonesia	

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries

Ammunition	List Price per Thousand Rounds (US \$) ^a /	Year	Recipient	For Use In	Remarks ^b /
<u>Small arms</u>					
7.62mm ball cartridge, type P	44 53	1961-66 1964	Iraq Indonesia	Pistol (TT)	The USSR packs 2,240 rounds per wooden crate weighing 75 lbs. (1.6' x 1.1' x .6'). The Chinese refer to these as type 50 rounds and pack 2,520 rounds per case weighing 85 lbs.
7.62mm blank pistol cartridge	21	1961	Iraq	Pistol (TT)	The USSR packs this cartridge in two ways: 1,320 rounds without charges or 920 rounds in charges. Weight of each about 60 lbs.
7.62mm antipersonnel-incendiary (API) cartridge, type B-32	71	1961-66	Ira.	Light and heavy machineguns	The Chinese refer to this as a type 56 round and pack 880 rounds per wooden crate weighing 57 lbs. (1.6' x 1.1' x .6')
7.62mm tracer cartridge, type T-46	89 87	1966 1964	Iraq Iraq	Machineguns	The Chinese refer to this as a type 53 round and pack 880 rounds per wooden crate weighing 57 lbs. (1.6' x 1.1' x .6')
7.62mm incendiary-ranging cartridge	71	1966	Iraq	Machineguns	
7.62mm tracer cartridge, type T-45	89	1966	Iraq	Machineguns	
7.62mm API cartridge M1943, type BZ	120 118	1966 1964	Iraq Indonesia	Carbines, assault rifles, and light machine-guns	The Chinese refer to this as a type 56 round and pack 1,440 rounds per wooden case weighing 64 lbs. (1.6' x 1.1' x .6')

a. Where the supplier is a country other than the USSR, a letter designation appears after the price. The letter "C" denotes Czechoslovakia, "P" Poland, "H" Hungary, and "B" Bulgaria. An asterisk (*) appearing after the price designates f.o.b. price, otherwise prices are c.i.f.

b. Weights are given in pounds and metric tons and do not include packing and crating unless specified.

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price per Thousand Rounds (US \$)	Year	Recipient	For Use In	Remarks
<u>Small arms (Continued)</u>					
7.62mm incendiary-tracer cartridge M1943, type 2	135 118	1966 1964	Iraq Iraq	Carbines, assault rifles, and light machine- guns	The Chinese refer to this as a type 56 round and pack 1,440 rounds per wooden case weighing 64 lbs. (1.6' x 1.1' x .5')
7.62mm cartridge with steel core bullet and carrier	83 83	1966 1964	Iraq Indonesia		
7.62mm blank cartridge M1943	46	1961-66	Iraq	Carbines, assault rifles, and light machine- guns	The USSR packs this cartridge with charges 1,320 rounds per box, 60 lbs.
7.62mm ball cartridge, model 43	53(C)*	1966	Cyprus	Rifle, light machineguns	
7.62mm Tracer cartridge	75(C)	1967	Morocco		
7.65mm cz "ridge	34(C)*	1966	Cyprus	Machine pistol	
7.92mm cartridge	36(C)*	1966	Cyprus	Rifle	The Czechs pack 480 rounds in a wooden case weighing about 85 lbs.
7.92mm cartridge	45(C)*	1966	Cyprus	Heavy machinegun	
9mm ball bullet	59 60	1967 1964	Iraq Indonesia	Pistol and machine pistol	The USSR packs 2,560 rounds per wooden case, weighing 73 lbs.
9mm ball cartridge, model 48	22(C)*	1966	Cyprus	Submachineguns	The Czechs pack 2,280 rounds per case, weighing 95 lbs.
12.7mm API cartridge, type B2T	600 600	1964-67 1964	Iraq Indonesia	Heavy machinegun	The Chinese refer to this as a type 54 round and pack 170 loose rounds per wooden case weighing 62 lbs. (1.7' x 1.1' x .6')
12.7mm API cartridge, type B-32	513	1961-67	Iraq	Heavy machinegun	
12.7mm cartridges "ordinary"	510(C)*	1967	Morocco	Heavy machineguns	
12.7mm tracer cartridges	570(C)*	1967	Morocco	Heavy machineguns	

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price per Thousand Rounds (US \$)	Year	Recipient	For Use In	Remarks
<u>Small arms (Continued)</u>					
14.5mm API cartridges, type B-32	754	1964	Ghana	Heavy machineguns	
14.5mm tracer cartridge, type BZT	840	1964	Ghana	Heavy machineguns	
14.5mm high explosive (HE) cartridge	879	1964	Ghana	Heavy machineguns	
23mm high explosive-incendiary (HEI) cartridges, type OZT	4,497	1967	Iraq	Antiaircraftgun	The USSR packs 90 rounds per case. weighing 133 lbs. (38" x 15" x 7")
23mm API cartridge	1,666 1,597	1967 1961-64	Nigeria Iraq	Aerial gun	Chinese pack 132 rounds per crate weighing 143 lbs.
23mm fragmentation (F)-HE cartridge	2,064	1961-64	Iraq	Aerial gun	
23mm F-HEI cartridge	2,778 2,295	1967 1961	Nigeria Iraq	Aerial gun	Chinese pack 132 rounds per crate weighing 123 lbs.
23mm API cartridge, type BZ	3,430	1967	Iraq	Antiaircraftguns	The USSR packs 90 rounds per case, weighing 135 lbs.
25mm F-HE cartridge	3,277 3,956 3,592	1967 1966 1958	Nigeria Iraq Iraq	Naval gun	
25mm antipersonnel cartridge	3,589 3,802	1967 1966	Nigeria Iraq	Naval gun	
26mm signal flare white/red/yellow	308	1964-66	Iraq	26mm signal pistol	Chinese pack two different ways: 520 rounds per crate weighing 106 lbs; 130 rounds per crate weighing 33 lbs.
26mm signal flare green	280	1964	Iraq	26mm signal pistol	Chinese pack two different ways: 520 rounds per crate weighing 106 lbs; 130 rounds per crate weighing 33 lbs.
30mm HE cartridge	9,711	1969	India	Naval gun	
30mm F-HE cartridge	8,144	1969	India	Naval gun	
30mm tracer cartridge	6,122	1969	India	Naval gun	

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price per Thousand Rounds (US \$)	Year	Recipient	For Use In	Remarks
Small arms (Continued)					
30mm API cartridge	4,569 4,712	1966 1961	Iraq Iraq	Aerial gun	
30mm F-HL cartridge	5,180	1961-66	Iraq	Aerial gun	
37mm cartridge	7,000	1958-62	Iraq/ Indonesia	Antiaircraftgun	USSR packs 30 rounds per crate weighing 126-131 lbs.
37mm API-T cartridge	6,311 6,400 6,691	1967 1964 1961	Nigeria Iraq Iraq	Aerial gun	Chinese pack 20 rounds per crate weighing 84 lbs.
37mm F-HEI-tracer cartridge	7,560 7,668	1967 1961-64	Nigeria Iraq	Aerial gun	Chinese pack 30 rounds per crate weighing 110 lbs.
45mm API cartridge	8,400	1966	Iraq	Naval gun	
45mm F-tracer cartridge	8,400	1966	Iraq	Naval gun	
45mm F cartridge	7,476	1966	Iraq	Naval gun	
57mm rockets S-5	67,560	1964-66	Iraq	Aircraft rockets launchers	8.8 lbs. each
57mm F-tracer cartridge	19,100	1964	Indonesia	Antiaircraft gun	The USSR packs five rounds per case, weighing 108 lbs.
76mm cartridge	25,000	1964	Indonesia	Tank gun	
82mm fragmentation cartridge	11,562	1964	Iraq/ Indonesia	Mortar	The Chinese refer to this as a type 53 round and pack three rounds per case weighing 33 lbs. (1.6' x 1.1' x .6')
82mm illumination cartridge	31,640	1961-66	Iraq	Mortar	
82mm smoke cartridge	18,290	1966	Iraq	Mortar	
82mm cartridge	16,800 (C)*	1966	Cyprus	Mortar	
82mm cartridge	46,794	1964	Indonesia	Recoilless gun B-10	
82mm F-HE rocket	28,397 29,600	1966-67 1961	Iraq Iraq	Antitank rocket launchers SPG-82	

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price per Thousand Rounds (US \$)	Year	Recipient	For Use In	Remarks
<u>Small arms (Continued)</u>					
82mm heat rocket	29,820	1964-67	Iraq/ Indonesia	Launchers SPG-82	
85mm APT cartridge	46,067	1966	Iraq	Antiaircraft guns, tank guns, and field guns	The USSR packs either three rounds per crate weighing 139 lbs. or four rounds per crate weighing about 180 lbs.
85mm HE cartridge	32,310	1958-61	Iraq/ Indonesia	Naval gun	
85mm F cartridge "full load"	31,248	1966	Iraq	Antiaircraft guns, tank guns, and field guns	The USSR packs three rounds per crate weighing about 100 lbs.
85mm F cartridge "incomplete load"	28,623	1966	Iraq	Antiaircraft guns, tank guns, and field guns	The USSR packs three rounds per crate weighing about 100 lbs.
85mm smoke cartridge	39,536	1966	Iraq	Antiaircraft guns, tank guns, and field guns	The USSR packs three rounds per crate weighing 100 lbs.
100mm APT cartridge	92,700	1967	Iraq	Antitank guns and tank guns	The USSR packs two rounds per crate weighing 180 lbs.
	84,700	1966	Iraq		
	70,000	1961	Iraq		
100mm F cartridges "incomplete load"	55,616	1966	Iraq	Antitank guns and tank guns	
100mm F cartridges "full load"	69,618	1966-67	Iraq	Antitank guns and tank guns	
100mm APT cartridge	83,110	1961	Iraq	Antiaircraft guns	
100mm F cartridge	68,645	1966	Iraq	Antiaircraft gun	
107mm fragmentation	44,500(B)	1969	Nigeria	Recoilless gun	
107mm AP	39,300(B)	1969	Nigeria	Recoilless gun	

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price per Thousand Rounds (US \$)	Year	Recipient	For Use In	Remarks
Small arms (Continued)					
120mm F-HE cartridge	34,378	1966	Iraq	Mortar	The USSR packs two rounds per case weighing approximately 100 lbs.
	32,500	1964	Iraq		
120mm illumination cartridge	67,046	1961-66	Iraq	Mortar	
120mm smoke cartridge	41,132	1964-66	Iraq	Mortar	
122mm F-HE cartridge (RGM-2 fuse)	36,736	1961-66	Iraq	Howitzers M-30	
122mm F-HE cartridge (D-1-U fuse)	41,976	1966	Iraq	Howitzer M-30	
122mm F-HE cartridge (V-429 fuse)	80,036	1966	Iraq	Field gun A-19	
122mm illumination cartridge	123,683	1961	Iraq	Howitzer	
122mm smoke cartridge	44,145	1961	Iraq	Howitzer	
130mm APT cartridge	122,556	1966-67	Iraq	Field gun M-46	The USSR packs one round per case weighing approximately 186 lbs.
130mm F-HE cartridge "incomplete load"	71,568	1966-67	Iraq	Field gun M-46	The USSR packs one round per case weighing approximately 186 lbs.
130mm F-HE cartridge "full load"	81,760	1966-67	Iraq	Field gun M-46	The USSR packs one round per case weighing approximately 186 lbs.
130mm HE rocket model RP-2	58,740 (C)	1958	Indonesia	Rocket launcher	
132mm cartridge	187,955	1966	Iraq	Recoilless gun BM-13	
140mm HE rocket	204,000	1964	Indonesia	Rocket launcher BS-M-17	
140mm F-HE cartridge	182,000	1966	India	Naval gun	
152mm concrete-piercing cartridge	116,340	1961-66	Iraq	Howitzer	
152mm F-HE cartridge	77,924	1961-67	Iraq	Howitzer	
152mm F cartridge (D-1-U fuse)	95,889	1966	Iraq	Howitzer	

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price per Thousand Rounds (US \$)	Year	Recipient	For Use In	Remarks
<u>Small arms (Continued)</u>					
152mm APT cartridge	140,000	1966-67	Iraq	Howitzer	The USSR packs one round per case weighing 166 lbs.
<u>Mines and grenades</u>					
Antipersonnel, model POMZ-2	1,285	1964	Iraq		Weight 4.4 lbs. each
Antipersonnel, model PMD-6	5,180	1964-66	Iraq/ Indonesia		
Antitank, model TM-46	8,400 8,240	1964-66 1964	Iraq Indonesia		Weight 19.2 lbs. each
Heat grenade model PG-7	84,560	1966	Iraq	RPG-7 antitank grenade launcher	The USSR packs six rounds per case, weight 72 lbs. (30" long x 18" wide, 11" high)
Hand grenade, RG-42	2,480 (B)	1969	Nigeria		The USSR packs 20 grenades per wooden crate weighing 35 lbs.
Hand grenade, F-1	2,800 (B) 2,140 2,140	1969 1966 1964	Nigeria Iraq Indonesia		The USSR packs 20 grenades per wooden crate
Hand grenade, RGD-5	2,820	1966	Iraq		The USSR packs 20 grenades per wooden crate

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price (US \$)	Year	Recipient	For Use In	Remarks
<u>Missiles</u>					
SA-2 surface-to-air missile	57,977 each	1961	Iraq/ Indonesia		
P-15 Styx surface-to-surface missile	76,420 each	1969	India		
	73,413 each	1966	Iraq		
	102,889 each	1961	Indonesia		
K-13 air-to-air missile	7,173 each	1964-66	Iraq		180 lbs.
<u>Naval torpedos, depth charges, and mines</u>					
52-38 torpedo	13,250 each	1958-61	Indonesia		3,290 lbs.
53-39 torpedo	13,062 each	1958-61	Iraq/ Indonesia		
53-56 torpedo	14,630 each	1966	India		
45-36 torpedo	10,951 each	1966	Tanzania		2,000 lbs.
ET-80 torpedo	19,964 each	1958-61	Indonesia		3,200 lbs.
SET-50 torpedo	29,285 each	1958-64	Indonesia		3,000-3,200 lbs.
SET-53 torpedo	25,850 each	1966	India		3,000-3,200 lbs.
B-39M depth charge	182 each	1958-61	Indonesia		
RGB-12 depth charge	404 each	1964	Indonesia		
BB-1 depth charge	256 each	1967	Nigeria		
	259 each	1966	Iraq		
	257 each	1964	Indonesia		
RGB-25 depth charge	400 each	1966	Iraq		
RGM depth charge	172 each	1958-61	Indonesia		
TTKA-45 depth charge	58 each	1966	Tanzania		
ADM-500 mine	1,525 each	1958-61	Indonesia		1,102 lbs.
MKD ADM-1,000 mine	2,345 each	1958-61	Indonesia		2,160 lbs.
MB mine (MKB)	1,033 each	1958-66	Iraq/ Indonesia		2,509 lbs.

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Table 2
Selected List Prices of Ammunition Exported by Communist Countries
(Continued)

Ammunition	List Price (US \$)	Year	Recipient	For Use In	Remarks
<u>Aircraft torpedoes, and bombs</u>					
RAT-52 torpedo	22,365 each	1958-61	Indonesia		800 lbs.
FAB 3,000 general-purpose bomb	2,903 each	1961-64	Iraq		6,576 lbs.
FAB 1,500, M-46 general-purpose bomb	1,870 each	1961-64	Iraq		2,970 lbs.
FAB 500, M-46 general-purpose bomb	725 each 728 each	1961-66 1964	Iraq		945 lbs.
FAB 250, M-46 general-purpose bomb	347 each 355 each	1964-66 1961	Iraq		485 lbs.
OFAB 250-270 fragmentation bomb	655 each 630 each	1967 1966	Nigeria Iraq		590 lbs.
ZAB 100-114 incendiary bomb	248 each	1961-66	Iraq		251 lbs.
OFAB 100 fragmentation bomb	216 each 214 each	1967 1961-66	Nigeria Iraq		300 lbs.
SAB 100-90 flare bomb	752 each 836 each	1966 1961	Iraq		198 lbs.
FOTAB 100-80 photo flash bomb	267 each	1966	Iraq		176 lbs.
AO 100 fragmentation bomb	102 each	1961	Iraq		220 lbs.
PTAB-MX bomb	70 each	1964	Indonesia		
P-50-75 practice bomb	99 each	1966	Iraq		121 lbs.

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Table 3
 Selected List Prices of Military Associated Equipment Exported by Communist Countries

Equipment	Unit List Price (US \$) a/	Year	Recipient	Remarks b/
<u>Trucks -- cargo, personnel, and dump</u>				
GAZ-51 cargo truck	2,162	1957	Indonesia	4 x 2
GAZ-51A cargo truck	2,400	1961	Indonesia	4 x 2, weight 5,962 lbs.
GAZ-51B cargo truck	2,999	1961	Indonesia	4 x 2
GAZ-63 cargo truck (with canvas top)	2,649 2,996	1957 1960	Indonesia Iraq	4 x 4
GAZ-63A cargo truck	2,660	1964	Ghana	4 x 4, weight 7,696 lbs.
ZIL-151 cargo truck	3,892 2,950	1958 1958	Iraq Syria/ Egypt	6 x 6, weight 12,304 lbs.
ZIL-150 cargo truck	2,806	1957	Indonesia	4 x 2, weight 8,600 lbs.
ZIL-157 cargo truck (with canvas and winch)	6,334	1961	Indonesia	6 x 6, weight 11,990 lbs.
ZIL-157K cargo truck (with canvas and winch)	6,188 5,406	1967 1964	Uganda Ghana	6 x 6
ZIL-164 cargo truck	4,144	1961	Indonesia	4 x 2, weight 9,041 lbs.
UAZ-450A ambulance	3,603 3,164	1964 1961	Ghana Indonesia	
UAZ-450D cargo truck	2,318	1961	Indonesia	4 x 4, weight 3,749 lbs.
YalAZ-219 cargo truck (KRAZ-219)	17,416	1958	Iraq	6 x 4, weight 24,917 lbs.
MAZ-200V truck, tractor	6,681	1958	Indonesia	4 x 2, weight 14,112 lbs.
GAZ-69 cargo truck	1,800 1,838	1957 1957	Indonesia Iraq	4 x 4, weight 3,363 lbs.
GAZ-69M cargo truck	1,764 1,960	1964 1961	Ghana Indonesia	4 x 4
ZIS-150 cargo truck (ZIL-150)	2,806	1957	Indonesia	4 x 2, weight 8,600 lbs.
YalAZ-214 truck, tractor (KRAZ-214)	11,122	1959	Iraq	6 x 6, weight 27,121 lbs.

a. Where the supplier is a country other than the USSR, a letter designation appears after the price. The letter "C" denotes Czechoslovakia, "P" Poland, "H" Hungary, and "B" Bulgaria. List prices for weapons and associated equipment usually include a basic spare parts kit.
 b. Weights are given in pounds and metric tons and do not include packing and crating unless specified.

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
Trucks -- cargo, personnel, and dump (Continued)				
MAZ-502V cargo truck	7,612	1961	Iraq	4 x 4, weight 17,750 lbs.
ZIL-485 amphibious truck	18,738 18,718	1961 1960	Indonesia Iraq	6 x 6, weight 15,766 lbs.
GAZ-93 dump truck	2,293	1957	Indonesia	4 x 2, weight 6,600 lbs.
ZIL-585 dump truck	3,677	1957	Indonesia	4 x 2, weight 9,200 lbs.
MAZ-205 dump truck	6,731	1958	Indonesia	4 x 2, weight 14,500 lbs.
KrAZ-221 truck, tractor	11,200 13,000	1961 1958	Indonesia Indonesia	6 x 4, weight 22,271 lbs.
ZIL-158 bus	12,600	1962	Indonesia	
TZ-104 fuel service truck	8,014	1961	Indonesia	
TZ-200 fuel service truck	11,827	1967	Nigeria	
ATZ-8-200 fuel service truck (TZ-200)	17,158	1958	Indonesia	4 x 2
AZ-4-164 fuel tank truck	5,040	1961	Indonesia	4 x 2
MZ-S1 fuel tank truck	9,396	1958	Indonesia	4 x 2
Tatra-141 cargo truck	18,100 (C)	1968	Pakistan	6 x 6, weight 27,377 lbs.
Praga-V3S cargo truck (with winch)	5,600 (C) 5,880 (C)	1958 1958	Indonesia Indonesia	6 x 6, weight 10,031 lbs.
Praga-V3S wrecker	11,465 (C)	1959	Indonesia	
Tatra-111 cargo truck	8,520 (C)	1956	Syria/ Egypt	6 x 6, weight 18,959 lbs.
Tatra-111 wrecker	18,335 (C)	1959	Indonesia	
Tatra-111 fuel truck	15,867 (C)	1958	Indonesia	
Tatra-805 cargo truck	4,950 (C)	1958	Indonesia	4 x 4, weight 6,283 lbs.
Tatra-805 ambulance	5,350 (C)	1959	Indonesia	
Ikarus articulated bus	33,333 (H)	1969	Egypt	200 passenger capacity
Csepel D-346 cargo truck	8,292 (H)	1969	Iraq	
Csepel D-707 fuel truck	10,200 (H)	1969	Iraq	
Csepel D-344 cargo truck	6,000 (H)	1969	Iraq	4 x 4

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Trailers</u>				
ChMZAP-5203V	9,350	1958	Indonesia	20-ton capacity, low-bed, weight 22,100 lbs.
T-151A	9,000	1958	Indonesia	20-ton capacity, low-bed, weight 17,600 lbs.
ChMZAP-5208 (NAZ-5208)	15,750	1959	Iraq	40-ton capacity, flat-bed, weight 25,950 lbs.
GAZ-704	322	1961	Indonesia	For use with GAZ-69M
IAPM-3	342	1961	Indonesia	
<u>Motorcycles</u>				
K-55 motorcycle	191	1957	Indonesia	
M-61 motorcycle	498	1964	Ghana	
IS-49 motorcycle	279	1957	Indonesia	
M-72 motorcycle	546	1958	Egypt/ Syria	
<u>Construction and engineering equipment</u>				
D-259 bulldozer	17,640	1961	Indonesia	
D-271 bulldozer	16,380	1961	Indonesia	
D-159 bulldozer	7,300	1958	Indonesia	
D-114 motorized grader	16,559 13,100	1961 1958	Indonesia Indonesia	
D-265 motorized grader	10,250	1958	Indonesia	Weight 20,810 lbs.
D-354 towed scraper	8,700	1958	Indonesia	
D-374 towed scraper (with S-100 tractor)	16,800 20,944	1958 1961	Indonesia Indonesia	
D-211 motorized roller	8,075	1958	Indonesia	Weight 22,000 lbs.
D-260 motorized roller	7,972	1957	Indonesia	Weight 13,800 lbs.
D-399A motorized roller	7,518	1961	Indonesia	
D-400 motorized roller	9,576	1961	Indonesia	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Construction and engineering equipment</u> (Continued)				
D-469 motorized roller	7,252	1961	Indonesia	
D-130-B sheepsfoot roller	1,999	1961	Indonesia	
ETR-152 trench digger	25,298	1959	Iraq	Weight 39,900 lbs.
PLT-60 trench digger	2,710(P)	1959	Iraq	
Subgrader planer	10,360	1961	Indonesia	
D-251 bitumen spreader	8,120	1961	Indonesia	
D-288 bitumen mixer	7,150 11,410	1958 1961	Indonesia Indonesia	Weight 17,080 lbs.
D-377 bituminous crusher and filler	9,240	1961	Indonesia	
C-336 concrete mixer	1,100	1958	Indonesia	
Csepel D-450 concrete mixer	4,164(H)	1969	Iraq	
D-375 concrete spreader	14,140	1961	Indonesia	
D-376 finisher	14,280	1961	Indonesia	
SPO-30 generator set, A.C.	10,394	1966	Iraq	10' x 6.6' x 6.6', weight 6,614 lbs.
Diesel generator set, 15KVA	1,620	1958	Indonesia	
Diesel generator set, 57KVA	4,825	1958	Indonesia	
Diesel compressor station, 80 H.P.	5,880	1958	Indonesia	
ZIF-55 mobile compressor	3,640	1961	Indonesia	
Transformer PO-1500	1,052	1966	Iraq	
C-245 centrifugal pump, diesel	750	1958	Indonesia	
C-205A diaphragm pump, hand driven	50	1958	Indonesia	
ASB-300 welding apparatus	1,415	1959	Indonesia	6.9' x 5.6' x 3.0', weight 2,200 lbs.
Power saw with gasoline motor	248	1961	Indonesia	
Explosive cartridges	261 per 1,000	1961	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Construction and engineering equipment</u> (Continued)				
TNT mold, 400 grams	4,491 per 1,000	1961	Iraq	
Electric explosive cover, EDP	322 per 1,000	1966	Iraq	
Thunder covers, TAT-8	84 per 1,000	1966	Iraq	
Cotton muffling cloth (thousand meters)	170	1966	Iraq	
Ignition wick (thousand meters)	78	1966	Iraq	
Destruction cords, DSH-V (thousand meters)	323	1966	Iraq	
Light pontoon bridge	279,510	1961	Indonesia	
Heavy pontoon bridge	1,134,280	1961	Indonesia	
AB-1-0-230 generator	599	1961	Indonesia	
AB-8 generator	3,528	1961	Indonesia	
ESB-1-V3 generator	1,680	1961	Indonesia	
ESB-2-V0 generator	4,444	1961	Indonesia	
ESB-4-V0 generator	5,001	1961	Indonesia	
<u>Cranes</u>				
LAZ-690 crane truck (4 x 2)	8,910	1966	Tanzania	Weight 6.8 tons
	7,700	1957	Indonesia	
SPK-5 tank recovery vehicles	43,128	1961	Iraq	Weight 25 tons
<u>Military workshops</u>				
TRM-A-60, tank repair shop	17,136	1961	Iraq	
TRM-B-60, tank repair shop	17,724	1961	Iraq	
PM-2, artillery workshop	32,320	1964	Indonesia	
DARM-4, divisional artillery workshop	89,666	1960-66	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Military workshops (Continued)</u>				
M-2M mobile, communications workshop	105,770	1964	Indonesia	
M-3M mobile, communications workshop	18,984	1964	Indonesia	
KRAS-2 mobile radar and control workshop	34,653	1961	Iraq/ Indonesia	
KRAS-3 mobile radar and control workshop	49,843	1961	Iraq	
KRAS-P mobile radar and control workshop	5,155	1966	Iraq	
PRAM-2 mobile aircraft workshop	36,400	1962	Iraq	
PRAM-12 mobile aircraft workshop	444,080	1961	Iraq	
GOSNITI-2 mobile vehicle workshop	9,800	1964	Ghana	
APRIM-M mechanical workshop	16,537	1961	Iraq	
MERO-S8 workshop	19,026	1961	Iraq	
MTO-60 workshop	24,570	1961	Iraq	
KRAS-IM vehicle control/repair station	15,711	1964	Indonesia	
KRAS-IR vehicle control/repair station	21,533	1964	Indonesia	
PRZS-69 mobile repair/charging station	19,481	1964	Indonesia	
<u>Radios, telephones</u>				
R-103 transmitter	22,462 32,710	1964 1960	Indonesia Iraq	
R-104 transceiver	6,440 6,356	1964 1961	Indonesia Iraq	
R-104EM transmitter	3,612 3,990	1966 1964	Iraq Indonesia	
R-105D transceiver	857 854	1966 1964	Iraq Indonesia	
R-108D transceiver	857 1,042	1966 1962	Iraq Indonesia	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Radios, telephones (Continued)</u>				
R-250M receiver	2,612 2,744	1966 1964	Iraq Indonesia	
R-311 receiver	1,014 994	1961 1960	Indonesia Iraq	
R-401 relay	26,130	1964	Indonesia	
R-537 transmitter New	2,576 2,318	1966 1966	Iraq Iraq	
Refurbished				
R-609M transmitter	3,142 2,453 3,142	1966 1965 1966	Iraq Indonesia Iraq	
R-640B transmitter	29,022	1961	Indonesia	
R-641BD transmitter	11,771 11,914	1966 1964	Iraq Indonesia	
R-642	11,690	1966	Iraq	
R-644 transceiver	6,530 6,790	1966 1964	Iraq Indonesia	
R-647 transmitter	3,217 3,349	1966 1964	Iraq Indonesia	
R-673	944	1961	Iraq	
R-809 transceiver	1,733 1,733	1966 1964	Iraq Indonesia	
R-820 transceiver	44,688	1961	Iraq	
R-822	9,923	1967	Nigeria	
R-824 transceiver	31,038 32,500	1961 1961	Iraq Indonesia	
R-825	28,224	1964	Indonesia	
Volna-K receiver	1,103	1966	Iraq	
RSIV-4 transceiver	2,512	1966	Iraq	
RSK-IUMP transceiver	10,114	1966	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Radios, telephones (Continued)</u>				
R-822	10,114 10,114	1964 1961	Indonesia Iraq	
APR-6P mobile radio direction finder	24,566 23,887 21,910	1967 1966 1964	Nigeria Iraq Indonesia	
R-305 direction finding receiver	1,680	1964	Indonesia	
R-301 direction finder	42,700	1964	Indonesia	
SKP-OP mobile control center for airfields	53,300	1964	Indonesia	
UM2 power amplifier	860	1964	Indonesia	
Telephone coil TK-2	1,250	1964	Indonesia	
Cable P-275 (one wire)	5,350	1964	Indonesia	
Cable P-274	90	1964	Indonesia	
Telephone switchboard P-191M	7,333	1964	Indonesia	
Telephone switchboard P-193M	599	1964	Indonesia	
Telephone switchboard P-194M	3,598	1964	Indonesia	
Telephone sets TAI-432	41	1964	Indonesia	
<u>Radar</u>				
P-8 (Knife Rest A) early warning	64,316 66,735	1960 1959	Iraq Indonesia	
P-15 (Flat Face) early warning	89,034	1966	Iraq	
P-20 (Token) early warning	337,501 338,240	1961 1958	Indonesia Iraq	
P-30 (Big Bar) early warning	386,400 357,330 337,282	1967 1964 1961	Nigeria Indonesia Iraq	
P-35 (Bar Lock) early warning	335,714	1966	Iraq	
SON-4 (Whiff) antiaircraft fire control	58,800	1956	Syria	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Radar (Continued)</u>				
SON-9 (Fire Can) antiaircraft fire control	145,160	1960	Iraq	
PUAZO-9 fire control	1,572	1966	Iraq	With artillery corrective AP-7
	872	1966	Iraq	
PUAZO-P-60N fire control	107,700	1959	Indonesia	
SNAR-2A (Pork Trough) shell tracking	121,744	1966	Iraq	
SNAR-1 (Long Trough) shell tracking	121,744	1961	Iraq	
Pot Head surface surveillance and torpedo fire control	41,583	1966	Iraq	
Square Tie shipborne navigation and tracking	87,195	1966	Iraq	
Skin Head shipborne search and navigation	10,763	1966	Iraq	
<u>Chemical equipment</u>				
Decontamination steam chamber, truck mounted, model AGV-3	66,238	1961	Iraq	
Decontamination apparatus, truck mounted, model ARS-12V	7,741	1961	Iraq	
Decontamination apparatus, truck mounted, model ADM-480	6,202	1961	Iraq	
Dry decontamination spreader, truck mounted, model PDP-53	705	1961	Iraq	
Chemical detection kit, model PKHR-54	66	1961	Iraq	
Artillery decontamination kit, model A-DK	13	1961	Iraq	
Machinegun/mortar decontamination kit, model PM-DK	9	1961	Iraq	
Decontamination kit, man pack	39	1961	Iraq	
Canister, model MO-4U	9	1961	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Chemical equipment (Continued)</u>				
Pocket dosimeter kit, model DP-23	3,268	1961	Iraq	
Area survey meter, model DP-63	160	1961	Iraq	
Protective rubber boots	22	1961	Iraq	
Protective rubber gloves	2	1961	Iraq	
Protective aprons	4	1961	Iraq	
Protective cloth stockings	16	1961	Iraq	
Protective cloth gloves	2	1961	Iraq	
Protective suit, model L-1	59	1961	Iraq	
Smoke pots, model BDSH-5	63	1966	Iraq	
<u>Miscellaneous equipment, accessories, and spare parts</u>				
<u>Ground Forces</u>				
Compass	3	1961	Indonesia	
Magnifying glass, LPK-471	7	1966	Iraq	
Binoculars, 7 x 50	87	1964	Indonesia	
Binoculars, B-10	39	1961-66	Iraq/Indonesia	
Binoculars, B-12	118	1966	Iraq	
Field periscope, PPL	2,663	1966	Iraq	
Field periscope, PPX-1	2,923	1966	Iraq	
Telescope, ATS	838	1966	Iraq	
Device for magnifying distance, DS-1	6,230	1966	Iraq	
Stop watch	9	1966	Iraq	
Perimeter for artillery aiming, PAB-2	333	1966	Iraq	
Artillery corrective, AP-7	700	1966	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported to Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Ground Forces (Continued)</u>				
Artillery perimeter AK-3 with Samples MPL-50	4	1966	Iraq	
Topographic tying in device mounted on GAZ-69 TM	21,711	1961-66	Iraq	
Field loading station P2S-3	784	1966	Iraq	
Mobile field kitchen, KP-2-48	1,126	1964-66	Iraq/Indonesia	
Water container for KP-2-48	20	1961-66	Iraq/Indonesia	
Tent, waterproof	9	1964	Indonesia	
Field tent, 10 person	80	1964	Indonesia	
Cartridge loading machine, 12.7mm	652	1961	Iraq	
Cartridge belt-filling machine, VMS-52	543	1961	Iraq	
Minesweeper, KMT-5	16,072	1966	Iraq	
Minesweeper, PT-55	10,186	1966	Iraq	
Mine planting trailer	8,400	1966	Iraq	
T-54 sectional training tank	72,769	1961	Iraq	
Tank track links	63	1964	Iraq	
Night illumination ge. for tanks, TWN-2	812	1964	Iraq	
Bulldozer attachment for T-54 tanks	3,724	1961	Iraq	
Wheel/tire 650 x 20 for 37mm anti-aircraft gun	69	1966	Iraq	
Wheel/tire 650 x 20 for 85mm and 100mm field gun	83	1966	Iraq	
Wheel/tire 280 x 20 for 100mm gun	221	1964-66	Iraq	
Wheel/tire 600 x 16 for 120mm mortar	36	1964-66	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Ground Forces (Continued)</u>				
Wheel/tire 1,250 x 200 for 122mm and 152mm guns	230	1964-66	Iraq	
Wheel/tire 1,180 x 160 for 122mm gun	137	1964-66	Iraq	
Engine for SU-100 self-propelled assault gun	8,600 (C)	1967	Morocco	
Engine for OT-62 armored personnel carrier	10,500 (C)	1967	Morocco	
Engine, B-6 for armored vehicle	7,129	1961	Indonesia	
Engine, B-34 M-11 for T-34 tank	6,485	1960	Iraq	
Engine for T-54 tank	11,600 (C)	1967	Morocco	
Engine, B-54-E for T-54 tank	6,485	1960	Iraq	
23mm subcaliber gun barrel for T-34 tank	192	1961	Iraq	
122mm training gun (M-30)	6,294	1961	Iraq	
<u>Naval</u>				
Naval glass, BMT 110 magnifies 12 x	3,213	1966	Iraq	
PU-1 periscope	21,008	1960	Indonesia	
Gyroscope test stand	1,170	1959	Indonesia	
Storage batteries for SET-50 torpedoes	2,750	1964	Indonesia	
Storage batteries for KMD-2-1,000 mines	22	1964	Indonesia	
Storage batteries for submarine	259,594	1958	Indonesia	
Acoustic radio buoys, RGBN	428	1964	Indonesia	
Diving stations with three-cylinder pump	10,796	1964	Indonesia	
Submarine detection station, tamir-11N	18,866	1966	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Naval (Continued)</u>				
Automatic neutralizing station for Styx missile	20,226	1966	Iraq	
Cleaning and neutralizing system 8T311 for Styx missile	15,184	1966	Iraq	
Air pressure station SK-62 for Styx missile	32,351	1966	Iraq	
Air humidity gauge 8Sh-31 for Styx missile	2,398	1966	Iraq	
Laboratory SU-44 to test fuel for Styx missile	744	1966	Iraq	
250 Liter steel barrel	17	1966	Iraq	
Gun barrel for 85mm naval gun, 90K	1,175	1960	Indonesia	
Gun loading stand for 85mm naval gun, 90K	1,375	1960	Indonesia	
Gun loading stand for 130mm naval gun, B-2-LM	6,725	1960	Indonesia	
Torpedo carrier	875	1960	Iraq	
B-1 depth charge launcher	2,610	1960	Indonesia	
M-50-F3 diesel engine	29,137	1960-66	Iraq	
Smoke box, MDSH	67	1966	Iraq	
<u>Air Force</u>				
Personnel parachute PD-47	602	1966	Iraq	
Personnel parachute S-3	409	1961-66	Iraq	
Personnel parachute D-1	504	1964-66	Iraq	
Cargo parachute PDSB	403	1966	Iraq	
Cargo parachute PGS-500	1,302	1964	Indonesia	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Air Force (Continued)</u>				
Brake parachute for MIG-21FL	584	1966	Iraq	
Brake parachute PT-21 for MIG-21	349	1964	Indonesia	
Brake parachute PT-19 for MIG-19	734	1964	Indonesia	
Brake parachute PT-16 for TU-16	2,288	1964	Indonesia	
Brake parachute for SU-7	990	1969	India	
Parachute system for SU-7	1,405	1969	India	
Reflex gear KAP-3P to open parachute	132	1961-66	Iraq	
Parachute-landing universal belts PDUR-47	476	1964	Indonesia	
Pilot's steel helmet ZSH-3	290	1966	Iraq	
Pilot's helmet GSM-4	705	1961	Iraq	
Pilot's helmet GSH-6	761	1969	India	
Pilot's pressure suit VKK-4	207	1961	Indonesia	
Pilot's pressure suit VKK-3	211	1969	India	
Pilot's pressure suit VKK-6M	287	1969	India	
Pilot's silk underwear	7	1961	Indonesia	
Pilot's shoes	36	1961	Indonesia	
Life jacket	32	1964	Indonesia	
Oxygen mask, KM-32	78	1961	Iraq	
Oxygen production plant, SKDS-30	84,000	1961	Iraq	
Oxygen pumps	420	1961	Iraq	
Mobile oxygen unit, AKDS-30T	150,220	1964	Indonesia	
Mobile oxygen unit, AK2S-75	19,516	1967	Nigeria	
	19,000	1961-66	Iraq	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Air Force (Continued)</u>				
Compressor, AKS-8	21,972 22,400	1967 1964- 66	Nigeria Iraq/ Indonesia	
Air charging unit, VZ-16/230	8,000	1964	Indonesia	
Carbonic charging unit, AUZS-2	22,232	1961	Iraq	
Refueling unit, AM3-53	3,025	1964	Indonesia	
Engine starting unit, APA-2MP	6,906	1961	Iraq	
Engine starting unit, APA-3MP	8,652	1967	Nigeria	
Liquid oxygen container	12,106	1964	Indonesia	
Oxygen pump, KN-4	333	1967	Nigeria	
Fuel storage tank	3,696	1966	Iraq	
Outboard fuel tanks for SU-7	1,830	1969	India	
Cargo containers, GK-30-2	130	1964- 66	Iraq/ Indonesia	
Bomb cart, BT-3-49	974	1966	Iraq	
Light for bombardment seat, T-43-9923	2,652	1966	Iraq	
Preparation unit for K-13A missiles, PPP-38A	207,823	1964	India	
UPG-63 mobile test bench for aircraft hydraulic system	4,083	1964	Indonesia	
UPG-250 mobile test bench for aircraft hydraulic system	21,420 20,894	1967 1964	Nigeria India	
Life boat, single seat	72	1964	Indonesia	
N-37 aircraft gun	2,530	1966	Iraq	
37mm gun barrel	686	1956	Syria	
NR-23 aircraft gun	1,326	1966	Iraq	
23mm gun barrel	479	1956	Syria	

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Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Air Force (Continued)</u>				
APU-BM 57mm rocket launcher	5,072	1966	Iraq	
AI-14 engine for YAK-18A	5,068	1961	Iraq	Weight 425 lbs.
AI-20K engine for AN-12	112,888	1966	Iraq	Weight 2,380 lbs.
ASH-82T engine for IL-14	23,500	1959	Indonesia	Weight 2,250 lbs.
ASH-82V engine for MI-4	22,720	1967	India	Weight 2,425 lbs.
D-20P engine for TU-124	174,968	1966	India	Weight 3,194 lbs.
RD-3M-500 engine for TU-16 KC	181,798	1962	Indonesia	
RD-3M engine for TU-16	163,240	1961	Iraq	Weight 6,835 lbs.
RD-IIF-300 engine for MIG-21C	114,240	1961- 64	Iraq	Weight about 2,500 lbs.
RD-11FE-300 engine for MIG-21FL	129,332	1964- 66	Iraq	Weight about 2,500 lbs. One spare engine ordered for every two aircraft purchased
RD-9b engine for MIG-19	47,200	1969	Iraq	Weight 1,650 lbs.
VK-1A engine for MIG-17	38,650	1959	Indonesia	The Chinese pack one engine per crate weighing 3,329 lbs. Engine alone weighs about 2,000 lbs.
VK-1F engine for MIG-17	33,000	1967	Nigeria	
RD-45 engine for MIG-15	25,480	1961	Iraq	
RD-45FA engine for MIG-15	28,280	1967	Nigeria	Weight about 2,000 lbs.
AL-7F-1 engine for SU-7	191,968	1969	India	Weight about 5,000 lbs. One spare engine ordered for every two aircraft purchased
M-701 engine for L-29	2,133(C)	1964	Indonesia	Weight 725 lbs.
Propeller for YAK-18A	2,092	1961	Iraq	
AV-SO aircraft propeller	3,075	1961	India	
Main rotor for MI-4	10,724	1962	Iraq	
Tail rotor for MI-4	2,520	1967	India	

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Table 3
Selected List Prices of Military Associated Equipment Exported by Communist Countries
(Continued)

Equipment	Unit List Price (US \$)	Year	Recipient	Remarks
<u>Air Force (Continued)</u>				
AFA 35/50 aircraft camera	3,084	1960	Iraq	
SKT-53 gun trainer for TU-16	8,960	1961	Iraq	
TS-8 pilot's trainer	808,500	1964	India	
77BM-2M target aircraft	3,752	1961	Iraq	
1,060 x 300 tire, group	280	1966	Iraq	
900 x 300 tire, group	152	1966	Iraq	
Searchlight, APM-30	9,520	1961	Iraq	
Lights on ZIL-130, APM-90	10,631	1966	Iraq	
Lights on ZIL-130, LUCH-2	50,475	1966	Iraq	
Neon beacons on ZIL-130, KNS-IP	12,330	1966	Iraq	
Bomb cart, BTP-15	1,285	1960	Iraq	
Bomb cart, BTZ-44	1,079	1960	Iraq	
NKTL-3 ejection trainer	1,910	1960	Iraq	
STL-I gun trainer	3,875	1960	Iraq	
UTB-3M bombing trainer	37,492	1960	Iraq	

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